

SAFETY DATA SHEET

Pen Kit CO000186

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Date issued 05.12.2014

Revision date 16.10.2014

1.1. Product identifier

Product name Pen Kit CO000186

Specification No. L03000000052

Article no.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product group Alcohol-based Cleaner

Use of the substance/preparation Hard surface cleaner.

Relevant identified uses SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
SU4 Manufacture of food products
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)
PC8 Biocidal Products (e.g. Disinfectants, pest control)
PROC10 Roller application or brushing
ERC8B Wide dispersive indoor use of reactive substances in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name EVOLIS CARD PRINTER

Postal address 14, Avenue de la fontaine

ZI Angers - Beaucouze

Postcode F-49070

City Beaucouze

Country France

Tel +33(0)2 41 36 76 06

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E-mail info@evolis.com

Website <http://www.evolis.com>

1.4. Emergency telephone number

Emergency telephone ORFILA 24h/24h:+33 (0)1 45 42 59 59

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to F; R11
67/548/EEC or 1999/45/EC

Classification according to Flam. Liq. 2;H225;
Regulation (EC) No 1272/2008 Eye Irrit. 2;H319;

[CLP/GHS]

2.2. Label elements**Hazard Pictograms (CLP)**

| | |
|--------------------------|---|
| Composition on the label | Propan-2-ol |
| Signal word | Danger |
| Hazard statements | H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. |
| Precautionary statements | P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P280 Wear eye protection. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. |

2.3. Other hazards

| | |
|-----------------------|---|
| Description of hazard | The product is highly flammable and may be ignited even after short contact with an ignition source. Vapours may cause drowsiness and dizziness. |
| Health effect | In high concentrations, vapours may be irritating to the respiratory system. Splashes in the eyes may cause redness and irritation. |
| Environmental effects | This product does not contain any PBT or vPvB substances. |

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

| Substance | Identification | Classification | Contents |
|--------------------|---|---|----------|
| Propan-2-ol | CAS no.: 67-63-0 EC no.: 200-661-7 Index no.: 603-117-00-0 Synonyms: Propan-2-ol | F; R11 Xi; R36 R67 Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 | 100 % |
| Substance comments | The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16. | | |

SECTION 4: First aid measures**4.1. Description of first aid measures**

| | |
|--|--|
| General | Remove affected person from source of contamination. |
| Inhalation | Fresh air. Get medical attention if any discomfort continues. |
| Skin contact | Rinse with water. Contact physician if discomfort continues. |
| Eye contact | Immediately rinse with water for several minutes. Make sure to remove any contact lenses from the eyes before rinsing. Contact physician if irritation persists. |
| Ingestion | Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues. |
| Recommended personal protective equipment for first aid responders | Wear necessary protective equipment. For personal protection, see section 8. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|------------------------------|---|
| Acute symptoms and effects | As described in section 2.2 and 2.3. |
| Delayed symptoms and effects | Inhalation of high vapour concentrations may cause symptoms such as mild irritation, headache, dizziness, fatigue, nausea and in serious cases unconsciousness. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|-------------------|---|
| Other Information | If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet. |
|-------------------|---|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. |
| Improper extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|----------------------------|--|
| Fire and explosion hazards | The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Closed containers can burst violently when heated, due to excess pressure build-up. During fire, gases hazardous to health may be formed. |
|----------------------------|--|

5.3. Advice for firefighters

| | |
|-------------------------------|--|
| Personal protective equipment | Wear necessary protective equipment. For personal protection, see section 8. |
| Fire fighting procedures | Reference is made to the company fire procedure. If risk of water pollution occurs, notify appropriate authorities. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Containers close to fire should be removed immediately or cooled with water. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------------------|---|
| Personal protection measures | Wear necessary protective equipment. For personal protection, see section 8. Do not smoke, use open fire or other sources of ignition. |
|------------------------------|---|

6.2. Environmental precautions

| | |
|--------------------------------------|--|
| Environmental precautionary measures | Avoid discharge into water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment. |
|--------------------------------------|--|

6.3. Methods and material for containment and cleaning up

| | |
|-----------------|---|
| Cleaning method | Smaller quantities of residue may be collected by an absorbent. Dam and absorb spillages with sand, earth or other non-combustible material. Wash contaminated area with water. |
|-----------------|---|

6.4. Reference to other sections

| | |
|--------------------|-------------------------------|
| Other instructions | See section 8 and section 13. |
|--------------------|-------------------------------|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|----------|--|
| Handling | Avoid inhalation of vapours. Keep away from heat, sparks and open flame. |
|----------|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|---------|---|
| Storage | Store in tightly closed original container in a well-ventilated place. Do not store near heat sources or expose to high temperatures. |
|---------|---|

| | |
|-------------------|-------------------------------------|
| Other Information | Follow rules for flammable liquids. |
|-------------------|-------------------------------------|

Conditions for safe storage

Storage Temperature Value: -15-20 °C.
Storage Stability Durability: 24 months.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure limit values

| Substance | Identification | Value | TWA Year |
|-------------|-------------------------|-----------------------------------|----------|
| Propan-2-ol | CAS no.: 67-63-0 | 8-hour TWA: 400 ppm | 2011 |
| | EC no.: 200-661-7 | 8-hour TWA: 999 mg/m ³ | |
| | Index no.: 603-117-00-0 | 15 min.: 500 ppm | |
| | Synonyms: Propan-2-ol | 15 min.: 1250 mg/m ³ | |

DNEL / PNEC

Summary of risk management measures, human Data lacking.

Summary of risk management measures, environment Data lacking.

8.2. Exposure controls

Recommended monitoring procedures Not known.

Limitation of exposure on workplace Personal protection equipment should be chosen according to the GEN standards and in discussion with the supplier of the personal protective equipment.

Safety signs



Respiratory protection

Respiratory protection In case of inadequate ventilation use suitable respirator. Use respiratory equipment with combination filter, type A2/P2.

Hand protection

Hand protection Under normal conditions of use gloves are not normally required.

Eye / face protection

Eye protection Wear approved, tight fitting safety glasses where splashing is probable.

Skin protection

Skin protection (except hands) No special precautions.

Thermal hazards

Thermal hazards See section 5.

Appropriate environmental exposure control

Environmental exposure controls See section 6.

Other Information

Other Information DO NOT SMOKE IN WORK AREA!

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Fluid.

| | |
|------------------------|-----------------------------------|
| Colour | Colourless. |
| Odour | Odour of alcohol. |
| Flash point | Value: ~ 12 °C |
| Comments, Flash point | Fire hazard classification: II-2. |
| Vapour pressure | Value: ~ 43 |
| Specific gravity | Value: ~ 0,78 kg/l |
| Solubility description | Completely soluble in water. |

9.2. Other information

Other physical and chemical properties

| | |
|----------|-------------------|
| Comments | No data recorded. |
|----------|-------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|------------|--|
| Reactivity | No specific reactivity hazards associated with this product. |
|------------|--|

10.2. Chemical stability

| | |
|-----------|---|
| Stability | Stable under normal temperature conditions and recommended use. |
|-----------|---|

10.3. Possibility of hazardous reactions

| | |
|------------------------------------|------------------------------------|
| Possibility of hazardous reactions | See section 10.4 and section 10.5. |
|------------------------------------|------------------------------------|

10.4. Conditions to avoid

| | |
|---------------------|---|
| Conditions to avoid | Avoid heat, flames and other sources of ignition. |
|---------------------|---|

10.5. Incompatible materials

| | |
|--------------------|-------------------------------|
| Materials to avoid | Strong acids. Strong alkalis. |
|--------------------|-------------------------------|

10.6. Hazardous decomposition products

| | |
|----------------------------------|--|
| Hazardous decomposition products | During fire, toxic gases (CO, CO2) are formed. |
|----------------------------------|--|

Other information

| | |
|-------------------|-------------------|
| Other Information | No data recorded. |
|-------------------|-------------------|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

| | |
|--------------------------|--|
| Other toxicological data | Toxicological tests on the product has not been performed. |
|--------------------------|--|

Toxicological data for substances

| | |
|-----------|--|
| Substance | No data available for ingredient(s). |
| LD50 oral | Value: - - Animal test species: - Duration: - Comments: - |

Other information regarding health hazards

| | |
|---------|---|
| General | No information about adverse effects due to exposure. |
|---------|---|

Potential acute effects

| | |
|--------------|--|
| Inhalation | In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Aerosols irritate the respiratory system, and may cause coughing and difficulties in breathing. |
| Skin contact | Skin irritation is not anticipated when used normally. |
| Eye contact | Direct contact may irritate. |
| Ingestion | Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|---|
| Ecotoxicity | The product is not expected to be hazardous to the environment. |
| Aquatic, comments | No data recorded. |

Toxicological data for substances

| | |
|-------------------|--------------------------------------|
| Substance | No data available for ingredient(s). |
| Aquatic, comments | - |

12.2. Persistence and degradability

| | |
|-------------------------------|--|
| Persistence and degradability | The product is expected to be biodegradable. |
|-------------------------------|--|

12.3. Bioaccumulative potential

| | |
|---------------------------|---|
| Bioaccumulative potential | The product does not contain any substances expected to be bioaccumulating. |
|---------------------------|---|

12.4. Mobility in soil

| | |
|----------|---|
| Mobility | Not regarded as dangerous for the environment. The product is miscible with water. May spread in water systems. |
|----------|---|

12.5. Results of PBT and vPvB assessment

| | |
|------------------------|--|
| PBT assessment results | Not Classified as PBT/vPvB by current EU criteria. |
|------------------------|--|

12.6. Other adverse effects

| | |
|----------------------------------|---|
| Environmental details, summation | For this product no classification is required for environmental hazards. |
|----------------------------------|---|

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

| | |
|---|---|
| Specify the appropriate methods of disposal | Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements. |
| Product classified as hazardous waste | Yes |
| Packaging classified as hazardous waste | Yes |
| EWC waste code | EWC: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics |
| Other Information | When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste code applies to product remnants in pure form. |

SECTION 14: Transport information**14.1. UN number**

| | |
|-----------|------|
| ADR | 1219 |
| RID | 1219 |
| IMDG | 1219 |
| ICAO/IATA | 1219 |

14.2. UN proper shipping name

| | |
|-----------|-------------|
| ADR | ISOPROPANOL |
| RID | ISOPROPANOL |
| IMDG | ISOPROPANOL |
| ICAO/IATA | ISOPROPANOL |

14.3. Transport hazard class(es)

| | |
|------------|----|
| ADR | 3 |
| Hazard no. | 33 |
| RID | 3 |
| IMDG | 3 |
| ICAO/IATA | 3 |

14.4. Packing group

| | |
|-----------|----|
| ADR | II |
| RID | II |
| IMDG | II |
| ICAO/IATA | II |

14.5. Environmental hazards**14.6. Special precautions for user**

| | |
|-------------------------------------|---------------|
| EmS | F-E, S-D |
| Special safety precautions for user | Not relevant. |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**Additional information.**

| | |
|-------------------------|---------------|
| Additional information. | Not relevant. |
|-------------------------|---------------|

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|-----------------------------|---|
| EEC-directive | Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC. |
| Other Label Information | For professional users only. As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions. |
| Legislation and regulations | The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). EH40/2005, Workplace exposure limits 2005, with amendments. |
| Declaration no. | 1101621 |

15.2. Chemical safety assessment

| | |
|--------------------------------------|----|
| Chemical safety assessment performed | No |
|--------------------------------------|----|

SECTION 16: Other information**Hazard symbol**

Highly flammable

| | |
|-----------------------------|---|
| R-phrases | R11 Highly flammable. |
| S-phrases | S7 Keep container tightly closed. S16 Keep away from sources of ignition - No smoking. |
| Classification according to | Flam. Liq. 2; H225; |

| | |
|--|--|
| Regulation (EC) No 1272/2008 [CLP/GHS] | Eye Irrit. 2; H319; |
| List of relevant R-phrases (under headings 2 and 3). | R67 Vapours may cause drowsiness and dizziness. R36 Irritating to eyes. R11 Highly flammable. |
| List of relevant H-phrases (Section 2 and 3). | H336 May cause drowsiness or dizziness. H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. |
| Training advice | No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions. |
| Information which has been added, deleted or revised | Labeling changed to CLP |
| Version | 1 |
| Responsible for safety data sheet Prepared by | EVOLIS CARD PRINTER |